

THIRD-ORDER LEVELING
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

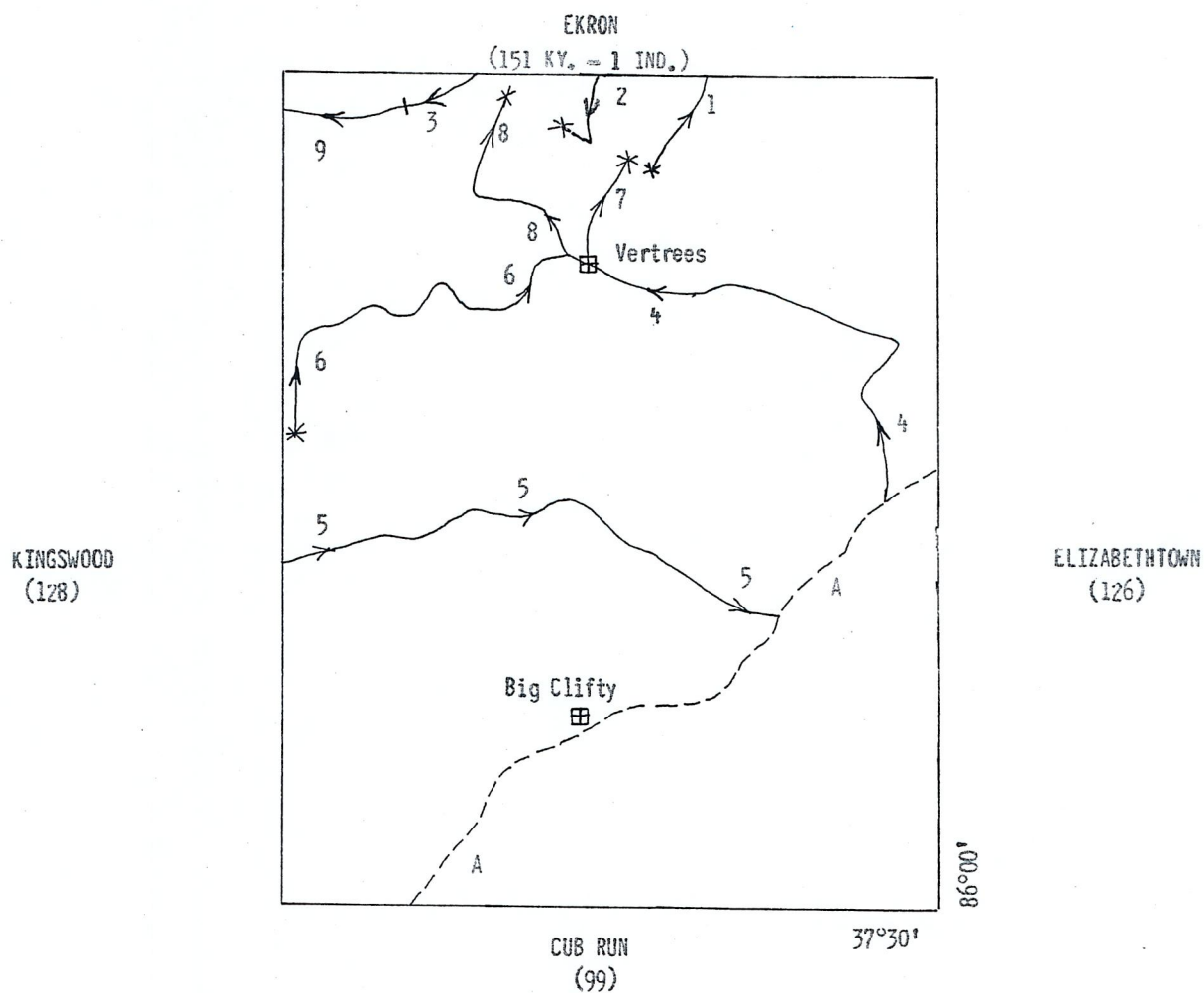
37-086-12
BIG CLIFTY QUADRANGLE
127 KENTUCKY
N3730-W8600/15
DIAGRAM NJ 16-8
EVANSVILLE

Breckinridge, Grayson and
Hardin Counties

Final adjustment of 1972

Edition of 8/7/74

PR: CRV/mjh



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370861

* TIE TO ISOLATED CONTROL

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ISOLATED BENCH MARKS (By H. S. Senseney, 1926; Book B2516,
J. W. Lawson, 1926; Book B2513)

Feet

West Clifty, 78 ft SW. of station signpost, 13.5 ft W. of W. rail of main line track, in foundation stone of support to water tank; standard tablet stamped "PRIM TRAV STA NO 6 Y 1922 KY" (Tied by NGS, 1935)	696.557
Big Clifty, 61 ft E. of SE. corner of station, 60 ft S. and S. rail of main track, 54 ft NW. of NW. corner of bank, between rd. and RR. track, in concrete post; standard tablet stamped "PRIM TRAV STA NO 7 Y 1922 KY" (Tied by NGS, 1935)	751.518
Big Clifty, 3.0 mi NE. of, 1.3 mi SW. of Summit, 44 ft SE. of rd. crossing, 2 ft N. of property line, in line with private lane N., in concrete post; standard tablet stamped "PRIM TRAV STA NO 8 Y 1922 KY" (Destroyed, 1960)	789.145
Eastview, 30 ft S. and 30 ft E. from SE. corner of depot, at Eastview Bank, in top at N. edge of concrete step; standard tablet stamped "1 L 1926 KY" (Not found, 1961)	833.840
Eastview, 2.5 mi NE. of, 1.1 mi SW. of Stephensburg, 400 ft NE. of Stone Company plant, on bank above track, 2 ft from fence, in concrete post; standard tablet stamped "PRIM TRAV STA NO 10 Y 1922 KY"	743.994
Ridge Spring School, 1.3 mi W. of, 0.5 mi N. and 1.4 mi E. of Harris School, 800 ft E. of dwelling of W. W. Long, at NE. corner of crossroads, 2.5 ft SW. of corner fence post, in concrete post; standard tablet stamped "PRIM TRAV STA NO 65 Y 1922 KY" (Not found, 1961)	758.305
Tar Hill, 47 ft SE. of center of crossroads, opposite store of John Tully, 1.5 ft from fence, in concrete post; standard tablet stamped "PRIM TRAV STA NO 56 Y 1922 KY"	711.774
Tar Hill, 3.4 mi SW. of, 3.5 mi NW. of Clarkson, 1.0 mi NE. of Thomas School, at lane W. to residence of J. H. Walker, on E. side of main rd. near fence, in concrete post; standard tablet stamped "PRIM TRAV STA NO 55 Y 1922 KY" (Destroyed, 1963)	646.158
White Mills, at W. side of bridge over Nolin River, 75 ft E. of rd. forks, 20 ft W. of small store, on S. edge of rd., in limestone ledge; standard tablet stamped "PRIM TRAV STA NO 22 Y 1922 KY" (Destroyed, 1948)	631.685
Center Point School, in yard of, in concrete foundation of iron pump; standard tablet stamped "PRIM TRAV STA NO 21 Y 1922 KY" (Reported destroyed, 1948)	676.842

LINE 1.Feet

By W. D. Leech, 1946; Book V294

Harris School, 1.3 mi W. of, thence 1.2 mi SW.; 3.3 mi SE. of Grandview Church, 300 ft N. of junction of NW.-SE. rd. and Salt River rd., 16 ft N. of forks of rd. NE., in concrete post; standard tablet stamped "PRIM TRAV STA NO 64 Y 1922 KY" (Not found, 1961)

751.301

U. E., Harris School, 1.6 mi W. of, 40 ft N. of angle in rd., on E. side of rd., on rock outcrop; chiseled square

703.29

Miller Corners, 50 ft E. of crossroads, in NE. angle of intersection, in concrete post; standard tablet stamped "WDL 2 1946" (Reported destroyed, 1976)

771.542

Reference mark, 50 ft SW. of tablet, in SE. angle of crossroads, on L-shaped headwall of concrete culvert; chiseled square

769.06

LINE 2.

W. C. Sowers, 1946; Book V294

Big Springs, 5.0 mi SE. of, at farmhouse of Leo Romans, 45 ft S. of house, 10 ft S. of NW. corner of garden, on right-of-way of rd., in concrete post; standard tablet stamped "TT 8 MS 1946"

882.130

U. E., Four Corners, 1.4 mi W. of, 6.1 mi SE. of Big Springs, in SW. corner of crossroads, 12 ft S. of rd., on W. end of concrete headwall; chiseled square

841.74

Grandview Church, 0.75 mi SE. of, 148 ft S. of SE. corner of dwelling of Mrs. Josie Miller, on N. side of rd., 5.5 ft from SW. corner of garden fence; in top of limestone ledge; standard tablet stamped "PRIM TRAV STA NO 63 Y 1922 KY" (Recovered, 1946 and 1948)

676.855

LINE 3.

W. C. Sowers, 1946; Book V294

Grandview Church, 1.7 mi W. of, 1.3 mi NE. of Capps School, 6 ft N. and 10 ft E. of junction of second-class rd. N., 2 ft SW. of corner fence post, 2 ft S. of 6-in. oak tree, at foot of hill, on top of large limestone rock; chiseled square (Recovered, 1946)

699.23

LINE 4.

J. W. McLaughlin, 1948; Book AV 52

NGS "D 79 1935"

687.161

Stephensburg, 2.1 mi N. of along graveled rd., 45 ft NE. of NE. corner of barn standing on S. side of rd., 24 ft S. of centerline of rd., 3 ft S. of fence, in limestone ledge; standard tablet stamped "30 JWM 1948 RESET 1962"

702.488

LINE 4 (Cont'd.)

	<u>Feet</u>
Franklin Crossroads, in village of, at S. entrance to church, in W. corner of first step of church; standard tablet stamped "31 JWM 1948 726" (Not found, 1961)	725.779
Reference mark, 215 ft W. of tablet, 15 ft N. of centerline of hwy., on E. headwall of concrete culvert; chiseled square	715.58
U. E., Franklin Crossroads, 1.2 mi NW. of along State Highway 86, 20 ft N. of centerline of hwy., on E. headwall of concrete culvert; chiseled square	732.10
Franklin Crossroads, 2.1 mi NW. of, 2.0 mi SE. of Howes Valley High School, about 150 ft NE. of brown house standing on SW. side of rd., 30 ft SW. of centerline of hwy., in top of limestone boulder; standard tablet stamped "32 JWM 1948 784"	783.529
Reference mark, 85 ft SE. of tablet, 20 ft SW. of centerline of hwy., on SE. end of concrete culvert; chiseled square	778.57
Howes Valley High School, in W. corner of first step of school; standard tablet stamped "33 JWM 1948 691"	691.176
Reference mark, 300 ft SW. of tablet, 20 ft S. of centerline of hwy. on E. headwall of concrete culvert; chiseled square	675.91
U. E., Howes Valley High School, 1.0 mi W. of along State Highway 86, 320 ft E. of T-rd. S., 20 ft S. of centerline of hwy., on E. headwall of concrete culvert; chiseled square	730.37
Howes Valley High School, 1.9 mi W. of along State Highway 86, 1.0 mi SE. of Vertrees, 35 ft S. of centerline junction of hwy. and rd. SW., 2 ft NW. of fence corner, in concrete post; standard tablet stamped "34 JWM 1948 676"	676.369
Reference mark, 70 ft N. of tablet, 20 ft NE. of centerline of hwy., on NW. headwall of concrete culvert; chiseled square	675.76
U. E., Vertrees, 0.1 mi SE. of along State Highway 86, on SE. retaining wall of concrete bridge over Rough Creek; chiseled square	621.80
Vertrees, 0.5 mi NW. of, 71 ft E. of SE. corner of Union Baptist Church, 70 ft W. of center of main rd., in large flat limestone rock; standard tablet stamped "PRIM TRAV STA NO 69 Y 1922 KY"	666.041

LINE 5.

J. W. McLaughlin, 1948; Book AV 52

Hardin Springs, 2.8 mi E. of along graveled rd., 110 ft S. of S. corner of church, 100 ft E. of centerline of rd., in concrete block over spring; standard tablet stamped "35 JWM 1948 741"	741.055
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LINE 5 (Cont'd.)

	<u>Feet</u>
Smith Chapel, 1.9 mi W. of along graveled rd., 30 ft NE. of centerline of T-rd. N., 1 ft S. of fence corner, in concrete post; standard tablet stamped "36 JWM 1948 772"	772.425
Smith Chapel, 2.0 mi E. of Solway Post Office, at outer end of concrete walk leading to Cumberland Presbyterian Church, in NW. corner of concrete stile; standard tablet stamped "PRIM TRAV STA NO 67 Y 1922 KY"	830.234
U. E., Smith Chapel, 1.2 mi SE. of along State Highway 84, about 300 ft E. of house standing in SW. side of rd., 15 ft NE. of centerline of hwy., on NE. headwall of L-shaped concrete culvert; chiseled square	799.10
U. E., Smith Chapel, 2.2 mi SE. of along State Highway 84, 0.25 mi NW. of Meeting Creek Church, 20 ft SW. of centerline of hwy., on SE. headwall of concrete culvert; chiseled square	833.25
Eastview, 3.5 mi NW. of, 0.4 mi E. of Oak Ridge School, 36 ft SE. of T-rd. S., in NW. corner of yard of F. M. Noe, 8.5 ft SE. of oak tree, in concrete post; standard tablet stamped "PRIM TRAV STA NO 66 Y 1922 KY" (Recovered, 1948)	832.688
U. E., Eastview, 2.0 mi W. of along State Highway 84, about 150 ft S. of green house standing on NE. side of hwy., 20 ft SW. of centerline of hwy., on NW. headwall of concrete culvert; chiseled square	744.07
U. E., Eastview, 1.0 mi W. of along State Highway 84, about 70 ft W. of private driveway S. to house, 20 ft N. of centerline of hwy., on W. headwall of concrete culvert; chiseled square	812.47
NGS "B 79 1935" (Destroyed, 1948)	835.599

LINE 6.

J. W. McLaughlin, 1948; Book AV 52

Constantine, 2.0 mi SW. of, 25 ft N. and 30 ft W. of junction of rd. E., 48 ft E. of SE. corner of dwelling of Ovie Wright, 24 ft S. of oak tree, 6 ft from fence corner, in concrete post; standard tablet stamped "PRIM TRAV STA NO 59 Y 1922 KY"	769.132
Constantine Church, at W. entrance to church, in S. end of first concrete step; standard tablet stamped "37 JWM 1948 813"	813.196
Constantine Church, 2.2 mi NE. of along graveled and dirt rds., 40 ft SW. of centerline of Y-rd. SW., on bank 3 ft higher than rd., in concrete post; standard tablet stamped "38 JWM 1948 693" (Destroyed, 1960)	692.886
Mt. Zion School, 1.3 mi SE. of, 115 ft W. of centerline of T-rd. S., 15 ft SE. of centerline of private driveway SW., in concrete post; standard tablet stamped "39 JWM 1948 635" (Not found, 1960)	635.184

LINE 6 (Cont'd.)Feet

Mt. Zion, School, 3.5 mi SE. of, 2.0 mi NW. of Laurel Ridge, 30 ft W. of centerline of T-rd. SW. to house, on bank 4 ft higher than rd., 4 ft SW. of fence, in sandstone rock; standard tablet stamped "40 JWM 1948 770" (Destroyed, 1960)

770.283

Laurel Ridge, 0.6 mi NE. of former post office, at rd. forks, on S. side of Benson's store formerly owned by J. W. Durnall, 1 ft S. and 12 ft W. of SE. corner of store building, in concrete post; standard tablet stamped "PRIM TRAV STA NO 68 Y 1922 KY"

818.782

U. E., Vertrees, 2.4 mi S. of along Salt River rd., 10 ft W. of centerline of rd., on N. headwall of concrete culvert; chiseled square

622.33

"34 JWM 1948 676" (Described in line 4)

676.369

LINE 7.

J. W. McLaughlin, 1948; Book AV 52

"PRIM TRAV STA NO 69 Y 1922 KY" (Described in line 4)

666.041

Union Baptist Church, 1.9 mi NE. of along woods rd., 180 ft N. of fence gate, 70 ft W. of centerline of rd., in large sinkhole, in large limestone outcrop; standard tablet stamped "41 JWM 1948 740"

739.773

U. E., Four Corners, 1.4 mi W. of; chiseled square (Described in line 2)

841.63

"PRIM TRAV STA NO 63 Y 1922" (Described in line 2)

676.855

LINE 8.

J. W. McLaughlin, 1948; Book AV 52

"PRIM TRAV STA NO 69 Y 1922 KY" (Described in line 4) (Also in line 7)

666.041

U. E., Union Baptist Church, 0.7 mi W. of along State Highway 86, 12 ft S. of centerline of hwy., on E. wingwall of concrete culvert over small stream; chiseled square

624.61

U. E., Union Baptist Church, 1.75 mi NW. of along State Highway 86, at SE. end of concrete bridge over Vertrees Creek, on SW. retaining wall; chiseled square

639.89

Arch, 300 ft N. of store of Lanis Paul, on E. side of N. and S. rd., between main rd. and cutoff rd., 22 ft NE. of large white-oak tree, 35 ft E. of black-oak tree, in top of 8- by 8- by 30-in. sandstone post projecting 6 in.; standard tablet stamped "PRIM TRAV STA NO 70 Y 1922 KY"

838.811

"PRIM TRAV STA NO 63 Y 1922 KY" (Described in line 2)

676.855

LINE 9.Feet

J. W. McLaughlin, 1948; Book AV 52

Capps School, 0.8 mi E. of, at junction of second-class rds. NW. and SE., on N. side of main rd., on E. side of lane N. to dwelling of J. Trent, 10 ft N. of twin oak trees, 9 ft E. of gatepost, on top of bank, in concrete post; standard tablet stamped "PRIM TRAV STA NO 62 V 1922 KY" (Destroyed, 1960)

837.212

Custer, 1.7 mi E. of, 12 ft S. and 29 ft W. of centerline of junction of rd. and I-rd. S., in concrete post; standard tablet stamped "TT 16 MS 1946"

862.239

U. E., Custer, 1.0 mi E. of, about 105 ft N. of centerline junction of State Highway 86 and I-rd. NE., 20 ft S. of church, on SE. corner of concrete walk; chiseled square

849.81

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-086-12
BIG CLIFTY QUADRANGLE
127 KENTUCKY
N3730-W8600/15
DIAGRAM NJ 16-8
EVANSVILLE

Breckinridge, Grayson, and Hardin
Counties

Edition of 11/21/77

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone


Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

EKRON
(151 KY.-1 IND.)

KINGSWOOD
(128)

Franklin 
Cross Roads

ELIZABETHTOWN
(126)

 Big Clifty

CUB RUN
(99)

37°30'

86°00'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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127 KENTUCKY
BIG CLIFTY QUADRANGLE

37-086-12
3

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By B. H. Yoakum, 1922; Book C5821

Big Clifty, 3.0 mi SW. of station, along Illinois Central Railroad; at West Clifty; in NE. corner of NE. stone foundation of water tower; standard tablet stamped "PRIM TRAV STA NO 6 Y 1922 KY"

X = 1,872,809 Y = 429,930 37 30 48.18 86 11 18.66

Big Clifty; 61 ft E. of SE. corner of station; 60 ft S. of S. rail of main track; 54 ft NW. of NW. corner of bank; between rd. and railroad; in concrete post; standard tablet stamped "PRIM TRAV STA NO 7 Y 1922 KY"

X = 1,882,971 Y = 441,229 37 32 40.34 86 09 13.13

Big Clifty, 3.2 mi NE. of station, along I. C. RR.; 42 ft S. of dirt rd. crossing; 2 ft N. of property line; in concrete post; standard tablet stamped "PRIM TRAV STA NO 8 Y 1922 KY" (Reported destroyed, 1960)

X = 1,897,621 Y = 447,164 37 33 39.61 86 06 11.50

Eastview, 0.7 mi SW. of, along I.C. RR.; near E. end of rock cut; 440 ft E. of crossing between two deep cuts; 15 ft S. of S. rail; in sandstone ledge; standard tablet stamped "PRIM TRAV STA NO 9 Y 1922 KY" (Not found, 1948)

X = 1,909,856 Y = 454,167 37 34 49.27 86 03 39.83

Eastview, 2.5 mi NE. of, along I.C. RR.; 400 ft NE. of plant of Stone Company; on bank above track; 2 ft from fenceline; in concrete post; standard tablet stamped "PRIM TRAV STA NO 10 Y 1922 KY"

X = 1,917,514 Y = 466,545 37 36 51.89 86 02 05.16

By B. H. Yoakum, 1922; Book C5822

White Mills 3.2 mi SE. of; in yard of Centerpoint School; in concrete foundation for iron pump; standard tablet stamped "PRIM TRAV STA NO 21 Y 1922 KY" (Reported destroyed, 1948)

X = 1,926,749 Y = 433,715 37 31 27.56 86 00 09.30

White Mills; at W. end of bridge over Nolin River; 75 ft E. of centerline of rd. at junction of rd. S.; 20 ft W. of small store; in limestone ledge; standard tablet stamped "PRIM TRAV STA NO 22 Y 1922 KY" (Reported destroyed, 1948)

X = 1,918,154 Y = 445,015 37 33 19.04 86 01 56.41

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

By B. H. Yoakum, 1922; Book C5889

Tar Hill, 3.3 mi SW. of; 3.5 mi NW. of Clarkson; 1.0 mi N. of Thomas School; at junction of lane W. to residence of J. H. Walker; near fence on E. side of main rd.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 55 Y 1922 KY" (Reported destroyed, 1963)

X = 1,856,941 Y = 435,661 37 31 44.09 86 14 35.74

Tar Hill; 47 ft SE. of centerline of crossroads; opposite store of John Tully; 2 ft from fenceline; in concrete post; standard tablet stamped "PRIM TRAV STA NO 56 Y 1922 KY"

X = 1,864,213 Y = 448,929 37 33 55.62 86 13 06.51

Constantine, 2.0 mi SW. of; 25 ft N. and 30 ft W. of junction of rd. E.; 48 ft E. of SE. corner of residence of Ovie Wright; 24 ft S. of oak tree; 6 ft from fence corner; in concrete post; standard tablet stamped "PRIM TRAV STA NO 59 Y 1922 KY"

X = 1,855,860 Y = 480,099 37 39 03.37 86 14 52.29

Capps School, 0.8 mi E. of; on N. side of main rd. at junction of rds. NW. and SE.; on E. side of lane N. to residence of J. Trent; 10 ft N. of twin oak tree; 9 ft E. of gatepost; in concrete post; standard tablet stamped "PRIM TRAV STA NO 62 Y 1922 KY" (Reported destroyed, 1960)

X = 1,870,655 Y = 511,921 37 44 18.72 86 11 50.20

Grandview Church, 0.8 mi E. of; 148 ft S. of SW. corner of residence of Mrs. Josie Miller; on N. side of rd.; 5 ft from SW. corner of garden fence; in limestone ledge; standard tablet stamped "PRIM TRAV STA NO 63 Y 1922 KY"

X = 1,884,837 Y = 511,493 37 44 15.11 86 08 53.63

Harris School, 1.3 mi W. of, thence 1.2 mi SW.; 3.3 mi SE. of Grandview Church; 300 ft N. of junction of Salt River Road SW.; 16 ft N. of junction of rd. NE.; in concrete post; standard tablet stamped "PRIM TRAV STA NO 64 Y 1922 KY" (Not found, 1961)

X = 1,896,456 Y = 505,687 37 43 18.17 86 06 28.72

Perryville, 1.0 mi N. of; 1.3 mi W. of Ridge Spring School; 1.4 mi E. of Harris School; 800 ft E. of residence of W. W. Long; at NE. corner of crossroads; 2.5 ft SW. of corner fence post; in concrete post; standard tablet stamped "PRIM TRAV STA NO 65 Y 1922 KY" (Not found, 1961)

X = 1,914,127 Y = 512,737 37 44 28.48 86 02 49.06

STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	" ' "	" ' "

OBSOLETE MARKS (Cont'd.)

By B. H. Yoakum, 1922; Book C5890

Eastview, 3.5 mi NW. of; 0.4 mi E. of Oak Ridge School; 36 ft SE. of junction of T-rd. S.; in NW. corner of yard of F. M. Noe; 8 ft SE. of oak tree; in concrete post; standard tablet stamped "PRIM TRAV STA NO 66 Y 1922 KY"

X = 1,898,891	Y = 464,542	37 36 31.47	86 05 56.52
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Solway, 2.0 mi E. of post office; at Smith Chapel; at end of concrete walk to Cumberland Presbyterian Church; in NW. corner of stile; standard tablet stamped "PRIM TRAV STA NO 67 Y 1922 KY"

X = 1,884,548	Y = 469,442	37 37 19.35	86 08 55.02
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Laurel Ridge, 0.5 mi N. of former post office; at rd. forks, on S. side of Benson's Store formerly owned by J. W. Durnall; 1 ft S. and 12 ft W. of corner of Bensons Store; in concrete post; standard tablet stamped "PRIM TRAV STA NO 68 Y 1922 KY"

X = 1,886,329	Y = 485,214	37 39 55.36	86 08 33.71
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Arch; 300 ft N. of store of Lewis Paul; on E. side of N.-S. rd.; between main rd. and cutoff rd.; 22 ft NE. of large white oak tree; 35 ft E. of black oak tree; in sandstone post; standard tablet stamped "PRIM TRAV STA NO 70 Y 1922 KY"

X = 1,876,705	Y = 503,776	37 42 58.47	86 10 34.44
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By G. B. Grunwell, 1936; Book D1855

Eastview, 2.5 mi NE. of, along I. C. RR.; 303 ft NE. of rock crusher; 42 ft S. of crossing of dirt and rock rd.; 31 ft SE. of centerline of rd.; 17 ft NW. of NW. rail of side track; in concrete post; NGS standard disk stamped "C 79 X 1935" (Reported destroyed, 1963)

X = 1,917,490	Y = 466,505	37 36 51.49	86 02 05.46
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By J. A. Mathias, 1946; Book H300

Rineyville, 2.5 mi SW. of; in center of triangle formed by junction of rd. N.; in concrete post; standard tablet stamped "TI 1 MS 1946" (Not found, 1961)

X = 1,924,568	Y = 513,766	37 44 38.96	86 00 39.11
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Big Spring, 5.0 mi SE. of; at farmhouse of Leo Roman; 43 ft S. of house; 10 ft S. of NW. corner of garden; on hwy. right-of-way; in concrete post; standard tablet stamped "TI 8 MS 1946"

X = 1,889,659	Y = 513,883	37 44 38.94	86 07 53.74
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Custer, 1.7 mi E. of; 12 ft S. and 29 ft W. of centerline of rd. at junction of I-rd. S.; in concrete post; standard tablet stamped "TI 16 MS 1946"

X = 1,861,856 Y = 511,213 37 44 11.29 86 13 39.69

By T. W. Cayce, 1948; Book AH 90

Miller Corners, 1.2 mi SE. of, along graveled rd.; 140 ft E. of lone 24-in. walnut tree in pasture; 82 ft W. of center of triangle formed by junction of V-rd.; 10 ft E. of wire fence; in concrete post; standard tablet stamped "TI 1 TWC 1948"

X = 1,906,977 Y = 512,226 37 44 23.19 86 04 18.05

Miller Corners, 1.5 mi S. of, along graveled rd.; 16 ft E. of centerline of rd.; 65 ft SW. of SW. corner of residence of Sam Daugherty; 6 ft S. of driveway; 4 ft W. of gatepost; in concrete post; standard tablet stamped "TI 2 TWC 1948" (Not found, 1961)

X = 1,899,753 Y = 508,718 37 43 48.26 86 05 47.83

Constantine Church; at W. entrance; in S. end of first concrete step; standard tablet stamped "37 JWM 1948 813"

X = 1,857,320 Y = 487,903 37 40 20.60 86 14 34.65

Mt. Olive Church, 0.4 mi N. of, along graveled rd.; 170 ft SE. of Gavins Store; 10 ft N. and 20 ft E. of junction of I-rd. W.; in concrete post; standard tablet stamped "TI 5 TWC 1948"

X = 1,857,513 Y = 474,630 37 38 09.39 86 14 31.39

Hardin Springs, 1.7 mi E. of, along State Highway 84, thence 0.2 mi S. along dirt rd.; 16 ft S. and 41 ft E. of crossroads; 17 ft N. of 16-in. oak tree; in concrete post; standard tablet stamped "TI 6 TWC 1948"

X = 1,860,577 Y = 463,144 37 36 15.98 86 13 52.57

Tar Hill, 1.9 mi N. of; at Calverts Store; 31 ft W. of centerline of rd.; 23 ft S. of SW. corner of grocery store; 2 ft E. of wire fence; in concrete post; standard tablet stamped "TI 7 TWC 1948"

X = 1,868,031 Y = 457,264 37 35 18.21 86 12 19.59

Tar Hill, 2.1 mi SW. of, along Salt River Road; 24 ft W. of centerline of rd.; 22 ft S. of Barton Run; in concrete post; standard tablet stamped "TI 8 TWC 1948" (Not found, 1960)

X = 1,859,504 Y = 440,639 37 32 33.42 86 14 04.47

STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Clarkson, 1.8 mi NW. of, along graveled rd.; 40 ft S. and 169 ft E. of junction of drive W. at right-angle turn in rd.; 17 ft S. and 27 ft W. of centerline of rd.; 27 ft N. of centerline of driveway; in concrete post; standard tablet stamped "TT 9 TWC 1948" (Reported destroyed, 1960)

X = 1,857,038 Y = 429,182 37 30 40.02 86 14 34.35

Big Clifty, 3.7 mi SE. of, thence 0.4 mi S.; 2.6 mi N. of Little Clifty Church; 45 ft S. of center of triangle formed by junction of T-rd. SW.; 5 ft N. of northernmost fenceline post; in concrete post; standard tablet stamped "TT 11 TWC 1948"

X = 1,897,755 Y = 430,807 37 30 57.89 86 06 09.08

Big Clifty, 3.7 mi SE. of, thence 0.5 mi N.; 0.3 mi N. of Antioch Church; 37 ft SW. of junction of V-rd.; 20 ft W. of centerline of rd.; 25 ft N. of mailbox of G. Hatfield; in concrete post; standard tablet stamped "TT 14 TWC 1948"

X = 1,899,054 Y = 435,959 37 31 48.87 86 05 53.19

Franklin Crossroads, 3.4 mi N. of, along graveled rd.; 19 ft N. and 28 ft W. of centerline of rd. at junction of T-rd. E.; in SE. corner of open field; in line with E.-W. fenceline; in concrete post; standard tablet stamped "TT 12 TWC 1948"

X = 1,922,624 Y = 504,162 37 43 03.95 86 01 02.97

Franklin Crossroads, 1.6 mi N. of, along graveled rd.; 24 ft W. of centerline of rd.; 15 ft N. of gate entrance to dim rd. SW.; 6 ft NE. of twin cedar tree on fenceline; in concrete post; standard tablet stamped "TT 13 TWC 1948" (Reported destroyed, 1961)

X = 1,922,640 Y = 494,763 37 41 31.03 86 01 02.45

Franklin Crossroads; in village of, at S. entrance to church; in W. corner of first step; standard tablet stamped "31 JWM 1948 726 TT" (Not found, 1961)

X = 1,923,338 Y = 486,707 37 40 11.40 86 00 53.48

Stephensburg, 2.1 mi N. of, along graveled rd.; 20 ft S. of centerline of rd.; 40 ft NE. of NE. corner of barn standing on S. side of rd.; 1 ft S. of fenceline; in limestone ledge; standard tablet stamped "30 JWM 1948 RESET 1962"

X = 1,919,794 Y = 478,309 37 38 48.26 86 01 37.25

127 KENTUCKY
BIG CLIFTY QUADRANGLE

37-086-12
8

STATION DESCRIPTION
 PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

MARKS TIED BY NGS

By B. H. Yoakum, 1922; Book C5890

Vertrees, 0.5 mi NW. of; 71 ft E. of SE. corner of Union Baptist Church; in large flat limestone rock; standard
tablet stamped "PRIM TRAV STA NO 69 Y 1922 KY"

X = 1,888,004.23 Y = 497,977.50

37 42 01.621

86 08 13.520